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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Takuya HIRANO**

Group Art Unit: 2135

Serial No.: 09/787,029

Examiner: **Odaiche T. Akpati**

Filed: **March 13, 2001**

Confirmation No.: 8139

For: **QUANTUM CIPHER COMMUNICATION SYSTEM**

Attorney Docket Number: **010294**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. 1.97(c)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

November 2, 2004

Sir:

Applicant directs the attention of the Patent and Trademark Office to the documents listed on the attached Form PTO-1449. A copy of each listed document is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

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Information Disclosure Statement under 1.97(c)(2)

Attorney Docket No. 010294

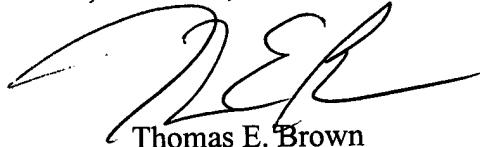
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Respectfully submitted,

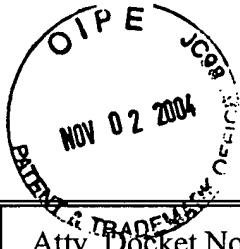
**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**

A handwritten signature in black ink, appearing to read 'TEB', is written over the printed name of Thomas E. Brown.

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Enclosures: PTO-1449  
References (3)  
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<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 010294	Serial No. 09/787,029
	Applicant(s): Takuya HIRANO	
	Filing Date: March 13, 2001	Group Art Unit: 2135

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation (Yes or No)

### OTHER DOCUMENTS

AA	John F. Clauser et al., "Experimental consequences of objective local theories", Physical Review D, Vol. 10, No. 2, July 15, 1974, pp. 526-535
AB	R. Namiki et al. "Security of quantum cryptography using balanced homodyne detection", The American Physical Society, Physical Review A 67, February 24 2003, pp.022308-1 to 022308-7
AC	R. Namiki et al, "Practical Limitation for Continuous-Variable Quantum Cryptography using Coherent States", The American Physical Society, Physical Review Letters, Vol. 92, No. 11, March 16, 2004, pp. 117901-1 to 117091-4
Examiner	Date Considered